



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
DENISE ET AL.	)	
	)	Attorney Docket No. MMI-0103
Application No. 10/750,623	)	(14972.105005)
	)	
Filed: December 31, 2003	)	Examiner: David C. Thomas
	)	
For: METHODS AND SYSTEMS FOR	)	Art Unit: 1637
INFERRING BOVINE TRAITS	)	

**FIRST AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 2, 2008 please enter the following amendments and consider the following remarks. Enclosed with the response is a petition for a 3 month extension of time extending the period for response up to, and including, April 2, 2008. Also enclosed with this submission are two CD-Rs, in duplicate, that are copies of the CD-Rs previously submitted on September 24, 2004.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.

**Conclusions** begin on page 12 of this paper.

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 2, 2008.

Stephen C. MacDonald, Reg. No. 60,401